

Externer Anhang

Tabelle A1: Differenziell exprimierte Gene zwischen dem *C. albicans* Wildtyp und der $\Delta rbe1$ -Mutante unter Hefewachstumsbedingungen (YDP, 30°C) in Experiment 1. FC = fold change, CPM = counts per million mapped reads, PValue = p-Wert, FDR = false discovery rate.

Gene ID	Gene Name	logFC	logCPM	PValue	FDR
orf19.4773	AOX2	3,72	7,96	9,11E-176	3,04E-172
orf19.5069		2,63	4,50	2,62E-45	5,83E-42
orf19.3668	HGT2	3,39	6,61	1,83E-39	3,06E-36
orf19.3369	MOH1	2,39	6,28	6,83E-31	7,59E-28
orf19.7111.1	SOD3	2,66	5,89	1,32E-07	9,46E-06
orf19.7218	RBE1	-11,71	6,39	7,29E-259	4,86E-255
orf19.2251	AAH1	-2,02	4,49	1,16E-12	2,66E-10
orf19.2454	PHO87	-5,47	5,91	1,04E-06	5,98E-05

Tabelle A2: Differenziell exprimierte Gene zwischen dem *C. albicans* Wildtyp und der $\Delta rbe1/\Delta rbt4$ -Mutante unter Hefewachstumsbedingungen (YDP, 30°C) in Experiment 1. FC = fold change, CPM = counts per million mapped reads, PValue = p-Wert, FDR = false discovery rate.

Gene ID	Gene Name	logFC	logCPM	PValue	FDR
orf19.7279.1		3,62	5,20	3,29E-16	4,39E-13
orf19.449		2,36	8,98	6,75E-16	7,50E-13
orf19.3668	HGT2	5,31	8,42	2,20E-15	1,63E-12
orf19.3369	MOH1	2,23	6,14	7,54E-15	5,03E-12
orf19.5447	HGT19	2,76	7,02	4,40E-14	2,44E-11
orf19.4682	HGT17	8,00	5,01	2,61E-12	1,34E-09
orf19.5069		3,13	4,92	3,90E-12	1,79E-09
orf19.4773	AOX2	2,60	6,94	4,32E-12	1,80E-09
orf19.3672	GAL1	2,04	9,28	4,66E-12	1,83E-09
orf19.4914.1		2,09	7,50	1,46E-11	4,42E-09
orf19.4450.1		2,06	6,86	2,86E-11	7,95E-09
orf19.3664	HSP31	2,69	4,71	2,38E-10	4,41E-08
orf19.822	HSP21	2,73	9,14	2,52E-10	4,54E-08
orf19.2114		2,02	5,68	4,45E-10	7,07E-08
orf19.4526	HSP30	3,63	4,26	1,16E-09	1,64E-07
orf19.999	GCA2	2,76	4,94	3,88E-09	4,45E-07
orf19.6489	FMP45	2,03	4,74	4,37E-09	4,70E-07
orf19.6688		2,72	5,29	5,99E-09	5,96E-07
orf19.4899	GCA1	2,07	4,05	1,12E-07	7,08E-06
orf19.2515		2,08	6,30	1,87E-07	1,06E-05
SC5314.nTAR4.22		2,14	4,46	3,53E-07	1,83E-05
orf19.6844	ICL1	2,50	5,02	8,82E-07	3,77E-05
orf19.638	FDH1	2,58	4,93	1,23E-06	4,93E-05
orf19.7566		2,41	4,76	2,47E-05	0,00057207
orf19.7218	RBE1	-13,67	6,38	1,11E-213	7,42E-210
orf19.6202	RBT4	-3,56	5,08	2,79E-61	9,31E-58

orf19.1756	GPD1	-2,33	6,70	8,46E-16	8,06E-13
orf19.2251	AAH1	-2,93	4,33	4,98E-10	7,72E-08
orf19.2454	PHO87	-6,10	5,87	2,66E-07	1,43E-05

Tabelle A3: Differenziell exprimierte Gene zwischen dem *C. albicans* Wildtyp und der $\Delta rbt4$ -Mutante unter Hyphenwachstumsbedingungen (YPS, 37°C) in Experiment 1. FC = fold change, CPM = counts per million mapped reads, PValue = p-Wert, FDR = false discovery rate.

Gene ID	Gene Name	logFC	logCPM	PValue	FDR
orf19.7111.1	SOD3	2,49	6,63	2,22E-21	1,48E-17
orf19_5716	SAP4	2,51	2,15	1,11E-09	2,47E-06
orf19_6139	FRE7	2,13	6,23	3,89E-09	6,49E-06
orf19.6202	RBT4	-2,36	4,72	2,75E-18	6,12E-15
orf19.689	PLB1	-2,19	4,40	4,09E-07	0,00014263
orf19_4424	PHO100	-5,38	5,02	6,31E-07	0,00046733

Tabelle A4: Differenziell exprimierte Gene zwischen dem *C. albicans* Wildtyp und der $\Delta rbe1/\Delta rbt4$ -Mutante unter Hyphenwachstumsbedingungen (YPS, 37°C) in Experiment 1. FC = fold change, CPM = counts per million mapped reads, PValue = p-Wert, FDR = false discovery rate.

Gene ID	Gene Name	logFC	logCPM	PValue	FDR
orf19.6084		5,33	6,26	4,66E-210	1,55E-206
orf19.5975	TRY4	4,75	5,31	6,70E-140	7,44E-137
orf19.5565		3,26	6,30	2,63E-125	2,19E-122
orf19.5735.3		3,26	6,01	2,37E-122	1,76E-119
orf19.2048		3,66	10,22	3,91E-117	2,17E-114
orf19.6844	ICL1	4,34	9,57	9,78E-116	5,01E-113
orf19.4936.1		3,73	6,99	8,43E-115	4,01E-112
orf19.2108	SOD6	3,36	5,84	2,94E-111	1,31E-108
orf19.176	OPT4	3,91	8,22	4,82E-109	2,01E-106
orf19.3499		3,19	6,80	1,19E-108	4,65E-106
orf19.6178	FBP1	2,61	7,22	1,37E-107	4,80E-105
orf19.1363		3,32	6,01	4,21E-103	1,28E-100
orf19.4873		4,37	4,51	8,96E-103	2,60E-100
orf19.4121		3,45	5,91	4,29E-100	1,10E-97
orf19.7111.1	SOD3	4,40	8,47	3,04E-97	6,70E-95
orf19.7668	MAL2	3,58	7,14	3,16E-93	6,02E-91
orf19.3684		3,70	8,78	3,92E-92	7,26E-90
orf19.1655	PXP2	3,37	8,37	3,33E-89	5,16E-87
orf19.1709		2,57	8,19	4,41E-89	6,68E-87
orf19.4894		3,10	5,53	1,93E-87	2,79E-85
orf19.2809	CTN3	4,23	6,50	4,78E-87	6,65E-85
orf19.2060	SOD5	4,79	8,47	4,86E-84	6,36E-82
orf19.4114	FAA2-1	2,50	7,26	2,47E-83	3,05E-81
orf19.4229		2,57	5,64	7,33E-83	8,88E-81
orf19.1449		4,42	4,35	1,97E-82	2,35E-80
orf19.2414		2,42	9,52	9,90E-82	1,10E-79

orf19.2107.1	STF2	2,73	11,91	2,91E-81	3,08E-79
orf19.2079	PHHB	2,26	8,50	1,01E-79	9,79E-78
orf19.376		2,50	6,10	2,74E-79	2,61E-77
orf19.7288		3,14	8,38	2,42E-78	2,16E-76
orf19.5250		2,51	6,78	4,09E-78	3,58E-76
orf19.1652	POX1-3	2,94	10,39	1,10E-77	9,50E-76
orf19.4682	HGT17	2,47	7,42	8,54E-75	6,33E-73
orf19.918	CDR11	2,58	7,73	9,49E-75	6,96E-73
orf19.5288	IFE2	2,90	12,25	2,19E-74	1,57E-72
orf19.1562		2,25	8,06	6,97E-73	4,55E-71
orf19.270		2,29	5,45	1,63E-72	1,06E-70
orf19.3021		2,27	7,62	4,22E-71	2,58E-69
orf19.7520	POT1	2,73	9,77	1,65E-69	9,22E-68
orf19.6229	CAT1	3,25	11,46	7,63E-68	3,97E-66
orf19.1704	FOX3	2,41	8,37	1,17E-67	5,98E-66
SC5314.nTARR.28		3,07	5,39	1,38E-66	6,77E-65
orf19.2959.1		2,48	8,24	4,67E-65	2,15E-63
orf19.3940.1	CUP1	2,34	10,71	1,27E-64	5,78E-63
orf19.2701		3,79	6,93	1,48E-64	6,68E-63
orf19.5611		2,78	4,83	7,80E-64	3,47E-62
orf19.638	FDH1	6,50	11,85	2,79E-63	1,21E-61
orf19.6445	ECI1	2,24	7,06	1,03E-61	4,26E-60
orf19.882	HSP78	2,40	10,14	2,49E-61	1,01E-59
orf19.3981	MAL31	2,25	5,00	1,23E-60	4,72E-59
orf19.5741	ALS1	2,06	5,83	1,27E-60	4,83E-59
orf19.7131		2,01	6,72	3,64E-60	1,37E-58
orf19.4833	MLS1	2,93	9,84	1,05E-59	3,87E-58
orf19.6838		2,71	7,02	2,23E-58	7,89E-57
orf19.6443		2,60	5,73	3,89E-58	1,36E-56
orf19.460	CEK2	2,60	4,72	1,01E-56	3,38E-55
orf19.6140	FRE3	2,69	5,45	2,29E-56	7,52E-55
orf19.3931	SFC1	2,74	7,08	1,62E-55	5,15E-54
SC5314.nTAR7.201		2,54	5,66	2,05E-55	6,45E-54
orf19.3373		3,08	4,75	6,47E-55	1,99E-53
orf19.5763		2,25	6,27	3,48E-54	1,04E-52
orf19.4432	KSP1	2,17	5,98	1,25E-53	3,66E-52
orf19.3444		2,48	4,62	1,61E-53	4,68E-52
SC5314.nTAR1.47		2,24	4,69	1,65E-52	4,65E-51
orf19.7077		2,32	6,60	2,40E-52	6,68E-51
orf19.3311	IFD3	2,62	6,40	1,66E-51	4,49E-50
orf19.4673	BMT9	2,28	5,44	1,80E-51	4,83E-50
orf19.6447	ARF1	2,02	6,89	4,55E-51	1,22E-49
orf19.2768	AMS1	2,17	9,38	3,52E-50	9,20E-49
orf19.5307	JEN2	4,54	7,84	1,25E-49	3,16E-48
orf19.4551	CTN1	2,72	5,48	1,58E-49	3,92E-48

orf19.6578		2,64	8,79	1,80E-49	4,44E-48
orf19.7676	XYL2	2,01	12,11	3,07E-49	7,49E-48
orf19.3567	BIO32	2,43	4,97	6,04E-49	1,45E-47
orf19.822	HSP21	2,79	12,05	8,95E-48	2,06E-46
orf19.6139	FRE7	2,72	6,61	3,14E-47	7,03E-46
orf19.1075.1		2,44	8,26	7,44E-47	1,64E-45
orf19.4527	HGT1	4,48	10,22	1,94E-46	4,19E-45
orf19.1288	FOX2	2,80	9,93	7,49E-46	1,59E-44
SC5314.nTARR.1		2,02	9,67	2,68E-45	5,56E-44
orf19.7283		2,72	5,07	3,22E-45	6,62E-44
orf19.7434	GLG2	2,28	5,09	3,38E-45	6,93E-44
orf19.3982		2,04	4,76	3,78E-45	7,71E-44
orf19.4807		2,16	6,51	1,16E-44	2,34E-43
orf19.3733	IDP2	3,23	9,31	3,59E-44	7,00E-43
orf19.4914.1		3,47	11,22	3,43E-43	6,46E-42
orf19.1124		2,64	4,70	4,10E-43	7,67E-42
orf19.3988		4,36	7,63	4,64E-43	8,68E-42
orf19.3548.1	WH11	2,97	9,92	9,68E-43	1,77E-41
orf19.742	ALD6	2,89	7,79	2,68E-42	4,80E-41
SC5314.nTAR5.8		2,43	4,36	1,38E-41	2,41E-40
orf19.6143		2,11	6,80	5,35E-41	8,98E-40
orf19.3352		2,25	4,64	5,70E-41	9,54E-40
orf19.1826	MDM34	3,00	8,79	3,31E-40	5,40E-39
orf19.4450.1		2,53	9,67	8,90E-40	1,44E-38
orf19.5000	CYB2	2,82	8,11	2,54E-39	4,03E-38
orf19.4393	CIT1	2,44	10,54	7,68E-38	1,15E-36
orf19.5215	TES15	2,52	6,15	8,30E-38	1,24E-36
orf19.5447	HGT19	2,12	8,08	1,08E-36	1,55E-35
orf19.94		2,39	7,09	3,37E-36	4,67E-35
orf19.5069		2,41	8,34	2,52E-35	3,36E-34
orf19.4274	PUT1	2,67	7,08	6,81E-32	7,61E-31
orf19.3029		2,13	6,88	3,66E-31	3,98E-30
orf19.5806	ALD5	2,64	12,24	8,67E-31	9,26E-30
orf19.4674.1	CRD2	2,13	5,94	1,29E-28	1,26E-27
orf19.4041	PEX4	2,38	6,87	3,23E-28	3,10E-27
orf19.3664	HSP31	3,26	7,59	1,02E-26	9,07E-26
orf19.2515		2,02	8,06	5,67E-26	4,91E-25
orf19.5005	OSM2	2,51	9,09	1,64E-25	1,38E-24
orf19.670.2		3,83	11,38	1,61E-24	1,29E-23
orf19.999	GCA2	3,08	7,70	4,70E-24	3,67E-23
orf19.7566		2,30	7,93	1,17E-23	8,87E-23
orf19.5125		2,12	7,59	1,03E-20	6,54E-20
orf19.6688		2,16	4,79	3,69E-19	2,15E-18
orf19.4526	HSP3	4,07	7,48	1,23E-18	7,03E-18
orf19.4899	GCA1	2,45	7,67	2,55E-18	1,42E-17

SC5314.nTAR4.22		2,34	6,24	9,94E-17	5,06E-16
orf19.6169	ATO1	2,75	5,21	3,61E-13	1,44E-12
orf19.6489	FMP45	2,12	5,06	2,56E-10	8,27E-10
orf19.4599	PHO89	2,93	5,52	9,63E-09	2,78E-08
orf19.5673	OPT7	-4,16	7,41	5,33E-213	3,56E-209
orf19.7218	RBE1	-10,06	4,80	1,64E-196	3,65E-193
orf19.4765	PGA6	-3,83	6,32	7,96E-167	1,33E-163
orf19.2158	NAG3	-3,72	6,65	2,46E-146	3,28E-143
orf19.657	SAM2	-2,78	7,30	5,13E-127	4,89E-124
orf19.3106	MET16	-2,75	6,27	1,54E-121	1,03E-118
orf19.7062	RPA135	-3,36	6,92	1,43E-119	8,67E-117
orf19.4076	MET1	-3,13	7,78	4,86E-108	1,80E-105
orf19.6417	TSR1	-2,97	6,59	1,86E-107	6,21E-105
orf19.661	KRR1	-3,22	5,99	3,78E-103	1,20E-100
orf19.4268	UTP13	-3,14	6,08	6,33E-102	1,76E-99
orf19.7011		-3,12	6,32	3,22E-101	8,60E-99
orf19.7394	GDA1	-2,53	5,91	1,46E-99	3,60E-97
orf19.7154	UTP18	-2,88	5,92	1,67E-99	3,98E-97
orf19.1691		-3,52	8,47	1,99E-98	4,58E-96
orf19.4093	PES1	-2,92	7,20	3,11E-97	6,70E-95
orf19.5912	MAK21	-3,03	7,03	8,50E-97	1,77E-94
orf19.7650	LTV1	-3,27	5,44	3,94E-96	7,96E-94
orf19.2917		-2,44	6,71	8,54E-95	1,67E-92
orf19.1609		-2,83	6,12	8,53E-92	1,54E-89
orf19.3159	UTP2	-3,34	5,80	1,24E-91	2,18E-89
orf19.923	THR1	-3,35	5,94	1,80E-91	3,07E-89
orf19.1566	UTP21	-2,68	5,79	8,14E-91	1,36E-88
orf19.3867	RPL7	-3,19	5,66	1,15E-90	1,88E-88
orf19.7599	UTP5	-2,94	6,36	2,32E-89	3,68E-87
orf19.5612	BMT4	-2,99	4,94	6,26E-89	9,27E-87
orf19.6014	RRS1	-2,86	6,00	2,68E-87	3,81E-85
orf19.2504	BMS1	-2,52	6,37	2,70E-86	3,68E-84
orf19.5338	GAL4	-2,35	7,48	1,45E-84	1,94E-82
orf19.4152	CEF3	-2,93	10,26	5,49E-84	7,04E-82
orf19.1415	FRE1	-3,21	7,22	9,94E-84	1,25E-81
orf19.1578		-2,93	6,38	2,19E-82	2,57E-80
orf19.3547		-3,01	5,91	2,92E-82	3,36E-80
orf19.5510		-2,59	5,60	4,46E-82	5,04E-80
orf19.7050	NOP15	-3,28	5,28	1,02E-81	1,11E-79
orf19.1030		-3,15	6,96	1,39E-81	1,49E-79
orf19.5850	NOC2	-3,05	6,55	1,03E-80	1,08E-78
orf19.3393		-2,76	5,86	1,05E-80	1,08E-78
orf19.3015	ARX1	-3,00	6,59	1,90E-80	1,92E-78
orf19.946	MET14	-2,51	6,15	2,01E-80	2,00E-78
orf19.663	GIN4	-2,38	5,75	4,11E-80	4,03E-78

orf19.1915	MPP1	-2,29	6,91	8,39E-79	7,88E-77
orf19.4815	YTM1	-2,92	5,93	1,21E-78	1,12E-76
orf19.4342		-3,32	5,92	2,08E-78	1,90E-76
orf19.2319		-2,62	5,80	2,43E-78	2,16E-76
orf19.3265	TRM1	-3,15	4,93	2,67E-77	2,29E-75
orf19.2594		-2,54	5,87	3,87E-77	3,27E-75
orf19.3099	TRP4	-2,32	6,06	5,23E-77	4,36E-75
orf19.7384	NOG1	-2,93	6,34	1,56E-76	1,29E-74
orf19.2859	SRP4	-3,31	5,02	9,24E-76	7,51E-74
orf19.1901	MCM3	-2,17	6,00	1,46E-75	1,17E-73
orf19.4283		-2,62	6,64	1,84E-75	1,46E-73
orf19.1633	UTP4	-3,14	5,62	2,32E-75	1,80E-73
orf19.4945	MSH6	-2,16	5,79	2,33E-75	1,80E-73
orf19.7534	MIS12	-3,76	6,65	3,47E-75	2,66E-73
orf19.4870	DBP3	-3,31	6,10	4,38E-75	3,32E-73
orf19.1115	GUK1	-3,52	4,91	4,52E-75	3,38E-73
orf19.1509	ROD1	-2,64	5,32	1,23E-74	8,94E-73
orf19.4517		-2,42	6,07	3,80E-74	2,70E-72
orf19.2185	NSA1	-2,93	5,41	6,49E-74	4,56E-72
orf19.1199	NOP5	-2,59	8,04	8,00E-74	5,56E-72
orf19.1839	RPA19	-3,21	6,69	3,02E-73	2,08E-71
orf19.2717	SAS1	-2,67	5,52	4,66E-73	3,15E-71
orf19.3124		-2,49	6,45	4,67E-73	3,15E-71
orf19.4896	RPA34	-2,93	5,16	6,30E-73	4,20E-71
orf19.6090		-2,91	7,72	6,88E-73	4,54E-71
orf19.6648	SDA1	-2,92	6,10	1,76E-72	1,13E-70
orf19.7332	ELF1	-3,46	6,60	2,76E-72	1,76E-70
orf19.3423	TIF3	-2,91	7,46	5,04E-72	3,17E-70
orf19.6234		-2,48	5,58	1,24E-71	7,74E-70
orf19.54	RHD1	-3,98	4,90	2,29E-71	1,41E-69
orf19.5106	DIP2	-2,88	6,01	5,76E-71	3,49E-69
orf19.501		-2,48	6,88	6,01E-71	3,61E-69
orf19.7215		-2,41	6,82	6,67E-71	3,97E-69
orf19.6710	UTP9	-2,31	6,35	1,34E-70	7,92E-69
orf19.665	NEP1	-2,38	5,88	2,76E-70	1,61E-68
orf19.7312	ERG13	-2,33	7,86	3,26E-70	1,89E-68
orf19.171	DBP2	-2,54	6,84	3,70E-70	2,13E-68
orf19.3138	NOP1	-2,66	7,84	4,19E-70	2,39E-68
orf19.5873	POL1	-2,16	6,14	7,85E-70	4,43E-68
orf19.1065	SSA2	-3,70	8,94	2,14E-69	1,19E-67
orf19.1902	NOC4	-2,27	5,76	6,28E-69	3,43E-67
orf19.2712	HCA4	-2,69	5,80	1,04E-68	5,65E-67
orf19.5436	UTP8	-2,51	6,50	3,32E-68	1,79E-66
orf19.5550	MRT4	-2,69	5,93	4,84E-68	2,58E-66
orf19.2311	RPL82	-2,48	8,29	7,37E-68	3,87E-66

orf19.6355		-2,04	6,76	3,62E-67	1,84E-65
orf19.706	NMD3	-2,45	6,45	4,66E-67	2,35E-65
orf19.4640	PWP1	-2,21	6,41	5,82E-67	2,92E-65
orf19.7634	MCD1	-3,33	4,07	6,49E-67	3,23E-65
orf19.1631	ERG6	-2,89	5,96	9,55E-67	4,71E-65
orf19.6766	NOP13	-2,40	5,36	2,25E-66	1,09E-64
orf19.7635	DRS1	-2,45	6,61	3,04E-66	1,47E-64
orf19.3556		-2,47	5,98	3,39E-66	1,63E-64
orf19.18	IMH3	-2,89	8,57	7,28E-66	3,47E-64
orf19.4587	HGH1	-2,54	5,60	1,79E-65	8,44E-64
orf19.5083	DRG1	-2,02	7,18	2,06E-65	9,68E-64
orf19.1791		-2,98	5,45	2,74E-65	1,28E-63
orf19.1442	PLB4.5	-2,23	6,85	4,63E-65	2,14E-63
orf19.6955	HBR3	-2,52	5,57	1,12E-64	5,13E-63
orf19.4191	RLP24	-2,57	5,57	1,59E-64	7,12E-63
orf19.5732	NOG2	-2,62	5,64	9,05E-64	4,00E-62
orf19.5507	ENP1	-2,86	4,99	2,48E-63	1,08E-61
orf19.5811	MET1	-2,36	7,31	3,28E-63	1,41E-61
orf19.4835		-2,46	5,82	3,52E-63	1,51E-61
orf19.563	RRP15	-2,47	5,31	1,99E-62	8,36E-61
orf19.813		-2,30	6,42	2,05E-62	8,55E-61
orf19.5500	MAK16	-3,55	4,47	3,56E-62	1,47E-60
orf19.4506	LYS22	-2,12	7,27	1,26E-61	5,17E-60
orf19.4492		-2,80	6,20	1,61E-61	6,56E-60
orf19.5870	CTP1	-2,74	5,08	4,01E-61	1,61E-59
orf19.6886		-2,35	5,26	5,02E-61	2,00E-59
orf19.4479		-2,44	5,72	5,84E-61	2,32E-59
orf19.4635	NIP1	-2,37	7,41	7,62E-61	3,01E-59
orf19.4099	ECM17	-2,23	9,37	8,09E-61	3,17E-59
orf19.2930		-2,29	6,51	9,63E-61	3,75E-59
orf19.6686	ENP2	-2,80	5,19	1,20E-60	4,63E-59
orf19.2929	GSC1	-2,01	7,16	5,74E-60	2,15E-58
orf19.3541	ERF1	-2,15	6,62	1,02E-59	3,79E-58
orf19.5839	PDR17	-3,59	4,57	3,79E-59	1,38E-57
orf19.5991		-2,34	5,84	8,98E-59	3,26E-57
orf19.7618		-2,12	5,86	9,36E-59	3,37E-57
orf19.3553	RPF2	-2,42	5,68	1,18E-58	4,25E-57
orf19.6828		-3,29	4,92	1,37E-58	4,90E-57
orf19.512		-2,08	6,99	2,52E-58	8,85E-57
orf19.1986	ARO2	-2,46	7,45	4,64E-58	1,61E-56
orf19.3419	MAE1	-2,17	7,55	4,06E-57	1,40E-55
orf19.6202	RBT4	-3,25	4,32	4,24E-57	1,45E-55
orf19.5100	MLT1	-2,29	6,98	5,39E-57	1,83E-55
orf19.5838	SER2	-2,22	6,09	6,50E-57	2,20E-55
orf19.4813	GUA1	-2,38	7,82	6,90E-57	2,32E-55

orf19.2529.1		-3,54	8,30	2,20E-56	7,31E-55
orf19.5038		-3,24	4,23	2,26E-56	7,47E-55
orf19.2990	XOG1	-2,66	4,18	2,77E-56	9,04E-55
orf19.1697		-2,43	5,59	3,14E-56	1,02E-54
orf19.1687		-2,32	5,84	6,48E-56	2,10E-54
orf19.3481		-2,23	6,99	6,97E-56	2,24E-54
orf19.1047	ERB1	-2,26	5,92	8,27E-56	2,65E-54
orf19.4889		-2,33	5,36	2,58E-55	8,07E-54
orf19.3812	SSZ1	-2,24	8,58	5,89E-55	1,82E-53
orf19.6402	CYS3	-2,64	9,24	1,02E-54	3,11E-53
orf19.1923	RRN3	-2,30	5,54	3,10E-54	9,30E-53
orf19.5356		-2,02	6,27	4,46E-54	1,33E-52
orf19.2385	KTI12	-2,43	4,87	5,07E-54	1,50E-52
orf19.6345	RPG1A	-2,03	7,64	1,05E-53	3,07E-52
orf19.5779	RNR1	-3,00	8,27	1,62E-53	4,71E-52
orf19.1164	GAR1	-2,39	6,95	2,98E-53	8,60E-52
orf19.1390	PMI1	-2,13	7,34	3,39E-53	9,74E-52
orf19.3564	RPC4	-2,10	6,13	5,77E-53	1,65E-51
orf19.3778		-2,34	5,53	9,19E-53	2,61E-51
orf19.2489		-2,61	8,29	1,02E-52	2,88E-51
orf19.6317	ADE6	-2,81	7,91	1,75E-52	4,90E-51
orf19.1868	RNR22	-2,68	9,41	1,88E-52	5,24E-51
orf19.1388		-2,73	4,64	2,61E-52	7,21E-51
orf19.3540	MAK5	-2,11	6,11	2,96E-52	8,16E-51
orf19.3478	NIP7	-2,66	4,95	3,45E-52	9,47E-51
orf19.2709	ZUO1	-2,18	7,79	4,17E-52	1,14E-50
orf19.2183	KRE3	-2,39	6,92	4,41E-52	1,20E-50
orf19.6477		-2,64	4,45	8,29E-52	2,25E-50
orf19.6632	ACO2	-2,05	6,33	1,51E-50	3,99E-49
orf19.76	SPB1	-2,19	5,77	1,62E-50	4,28E-49
orf19.1232	VRG4	-2,51	5,57	5,40E-50	1,40E-48
orf19.5232	CSI2	-2,56	4,77	5,46E-50	1,41E-48
orf19.4301		-2,16	4,72	7,30E-50	1,88E-48
orf19.107		-2,43	5,08	7,35E-50	1,88E-48
orf19.7569	SIK1	-2,19	8,16	1,01E-49	2,58E-48
orf19.5126		-2,52	6,09	1,28E-49	3,22E-48
orf19.1626		-2,64	5,95	1,35E-49	3,37E-48
orf19.7199		-2,14	5,42	1,39E-49	3,47E-48
orf19.1757		-2,04	4,77	3,51E-49	8,54E-48
orf19.1642		-3,24	4,65	5,28E-49	1,27E-47
orf19.926	EXO1	-2,30	4,90	7,03E-49	1,67E-47
orf19.2654	RMS1	-2,59	4,78	1,32E-48	3,11E-47
orf19.7546		-2,41	5,24	2,23E-48	5,23E-47
orf19.391	UPC2	-2,40	7,20	2,99E-48	7,00E-47
orf19.2796		-2,11	4,94	1,01E-47	2,32E-46

orf19.1272		-2,16	5,48	1,21E-47	2,75E-46
orf19.5263	SER33	-2,16	8,83	1,69E-47	3,84E-46
orf19.2360	URA2	-2,33	7,61	2,71E-47	6,13E-46
orf19.2115		-2,23	5,59	2,80E-47	6,31E-46
orf19.4447	YMC1	-2,22	5,41	3,12E-47	7,01E-46
orf19.158		-2,47	4,95	4,66E-47	1,04E-45
orf19.59	REI1	-2,62	5,39	7,15E-47	1,58E-45
orf19.2023	HGT7	-2,28	13,05	1,22E-46	2,66E-45
orf19.385	GCV2	-2,16	8,62	1,51E-46	3,29E-45
orf19.172	RPC19	-2,44	4,71	2,45E-46	5,25E-45
orf19.3291	HMT1	-2,16	6,90	2,49E-46	5,32E-45
orf19.658	GIN1	-2,07	4,76	3,59E-46	7,64E-45
orf19.2250	SPE3	-2,05	6,71	7,66E-46	1,62E-44
orf19.5198	NOP4	-2,09	6,58	2,39E-45	4,97E-44
orf19.124	CIC1	-2,54	4,78	4,27E-45	8,68E-44
orf19.2232	RPL11	-2,17	8,74	1,05E-44	2,13E-43
orf19.4563		-2,76	4,42	1,44E-44	2,88E-43
orf19.6236	NOP6	-2,20	4,75	1,83E-44	3,61E-43
orf19.5025	MET3	-2,53	8,33	3,27E-44	6,40E-43
orf19.6589	SSF1	-2,33	4,71	4,56E-44	8,84E-43
orf19.3037		-2,14	9,33	8,63E-44	1,66E-42
orf19.1409.1		-2,44	8,49	2,61E-43	4,95E-42
orf19.7219	FTR1	-2,82	7,49	5,47E-43	1,02E-41
orf19.4444	PHO15	-2,08	7,27	1,06E-42	1,93E-41
orf19.7624		-2,31	5,21	1,20E-42	2,18E-41
orf19.236	RPL9B	-2,07	9,39	1,93E-42	3,48E-41
orf19.5541		-2,29	5,63	2,18E-42	3,92E-41
orf19.3370	DOT4	-2,34	5,11	4,25E-42	7,57E-41
orf19.1235	HOM3	-2,34	6,12	1,84E-41	3,17E-40
orf19.6298	SPB4	-2,00	4,49	2,26E-41	3,88E-40
orf19.6175		-2,09	4,38	5,14E-41	8,68E-40
orf19.2320		-2,14	4,39	1,29E-40	2,13E-39
orf19.5987		-2,03	4,81	2,23E-40	3,66E-39
orf19.3798		-2,29	4,69	9,31E-40	1,50E-38
orf19.767	ERG3	-2,03	5,72	3,17E-39	5,02E-38
orf19.962		-2,12	4,91	5,04E-39	7,96E-38
orf19.4215	FET34	-2,64	8,80	5,79E-39	9,13E-38
orf19.5207		-2,14	4,60	1,58E-38	2,45E-37
orf19.2992	RPP1A	-2,38	9,02	1,63E-38	2,51E-37
SC5314.nTAR7.30		-2,59	5,52	1,97E-38	3,03E-37
orf19.2167		-2,28	5,15	3,02E-38	4,61E-37
orf19.1700	RPS7A	-2,19	9,45	3,30E-38	5,03E-37
orf19.3276	PWP2	-2,31	5,59	4,67E-38	7,06E-37
orf19.1833		-2,33	7,87	5,31E-38	8,00E-37
orf19.7197		-3,11	4,32	1,21E-37	1,79E-36

orf19.6577	FLU1	-2,16	5,79	1,88E-37	2,78E-36
orf19.3034	RLI1	-2,15	7,34	1,92E-37	2,83E-36
orf19.3406		-2,12	4,58	2,69E-37	3,93E-36
orf19.1569	UTP22	-2,31	5,55	2,73E-37	3,98E-36
orf19.2875		-2,03	4,91	2,98E-37	4,33E-36
orf19.6026	ERG2	-2,80	4,32	3,35E-37	4,87E-36
orf19.6906	ASC1	-2,31	9,75	7,70E-37	1,10E-35
orf19.6749	KRS1	-2,09	8,63	1,24E-36	1,76E-35
orf19.5341	RPS4A	-2,01	9,44	1,73E-36	2,46E-35
orf19.2830	RRP9	-2,54	4,53	4,29E-36	5,91E-35
orf19.2688	NAN1	-2,01	5,59	4,44E-36	6,07E-35
orf19.6343	FEN1	-2,07	4,47	1,71E-35	2,29E-34
orf19.508	QDR1	-3,97	6,31	6,31E-35	8,25E-34
orf19.4669	AAT22	-2,20	5,89	6,37E-35	8,31E-34
orf19.2651	CAM1-1	-2,03	8,26	1,70E-34	2,16E-33
orf19.6984		-2,10	4,21	1,73E-34	2,20E-33
orf19.4737	TPO3	-2,22	7,86	1,88E-33	2,26E-32
orf19.3334	RPS21	-2,20	10,17	2,06E-32	2,36E-31
orf19.6862		-2,28	4,35	5,71E-32	6,45E-31
orf19.6316.4		-2,13	5,10	6,17E-32	6,91E-31
orf19.5437	RHR2	-2,74	8,35	6,99E-32	7,80E-31
orf19.7664		-2,27	4,71	7,74E-32	8,61E-31
orf19.3694		-2,02	5,16	1,64E-31	1,81E-30
orf19.1264	CFL2	-3,98	4,80	1,40E-30	1,48E-29
orf19.4026	HIS1	-2,01	7,50	6,04E-30	6,24E-29
orf19.1091	NOP8	-2,07	4,43	8,21E-29	8,08E-28
orf19.3575	CDC19	-2,11	13,16	3,34E-28	3,20E-27
orf19.3477		-2,41	4,33	2,52E-25	2,11E-24
orf19.2738	SUL2	-2,16	4,87	3,48E-25	2,89E-24
orf19.5628		-2,03	4,75	2,66E-22	1,87E-21
orf19.5517		-2,01	4,52	5,91E-15	2,68E-14
orf19.689	PLB1	-2,84	4,03	1,02E-14	4,56E-14
orf19.4933	FAD3	-2,24	4,75	3,88E-14	1,67E-13
orf19.4424	PHO1	-4,76	4,93	2,83E-06	6,59E-06

Tabelle A5: Differenziell exprimierte Gene zwischen dem *C. albicans* Wildtyp und der $\Delta rbe1/\Delta rbt4$ -Mutante unter Hyphenwachstumsbedingungen (YPS, 37°C) in Experiment 2. FC = fold change, CPM = counts per million mapped reads, PValue = p-Wert, FDR = false discovery rate.

Gene ID	Gene Name	logFC	logCPM	PValue	FDR
orf19.3499		3,32	3,16	8,10E-24	2,70E-20
orf19.5716	SAP4	3,89	4,81	7,77E-17	1,73E-13
orf19.5542	SAP6	3,21	3,61	7,78E-16	1,30E-12
orf19.6993	GAP2	2,25	1,12	6,15E-07	0,00016414
orf19.7218	RBE1	-12,55	5,23	1,52E-110	1,02E-106

Tabelle A6: Differenziell exprimierte Gene zwischen dem *C. albicans* Wildtyp und der $\Delta rbe1/\Delta rbt4$ -Mutante unter Hyphenwachstumsbedingungen (YPS, 37°C) in Experiment 3. FC = fold change, CPM = counts per million mapped reads, PValue = p-Wert, FDR = false discovery rate.

Gene ID	Gene Name	logFC	logCPM	PValue	FDR
orf19.670.2		2,37	10,08	6,21E-27	3,98E-25
orf19.3668	HGT2	3,88	8,87	4,27E-27	2,79E-25
orf19.638	FDH1	2,65	8,74	1,57E-58	6,52E-56
orf19.1288	FOX2	2,11	8,73	2,10E-104	4,66E-101
orf19.4527	HGT1	2,87	8,62	1,96E-88	2,18E-85
orf19.5447	HGT19	2,14	7,96	9,28E-59	4,12E-56
orf19.4682	HGT17	5,78	7,58	2,05E-20	7,02E-19
orf19.5125		2,02	7,24	5,51E-32	5,18E-30
orf19.5069		2,49	7,23	1,57E-17	3,77E-16
orf19.7566		2,54	7,20	2,47E-28	1,75E-26
orf19.7296		2,15	6,80	2,01E-13	2,79E-12
orf19.176	OPT4	2,24	6,77	8,60E-100	1,43E-96
orf19.6844	ICL1	2,96	6,59	3,55E-143	1,18E-139
orf19.2701		2,65	5,91	1,98E-47	4,12E-45
orf19.1655	PXP2	3,12	5,80	2,58E-27	1,72E-25
orf19.3664	HSP31	2,53	5,59	2,98E-85	2,49E-82
orf19.4041	PEX4	2,51	5,29	3,18E-32	3,17E-30
orf19.1985		2,08	5,29	2,89E-25	1,62E-23
orf19.4384	HXT5	2,61	5,15	1,83E-51	4,88E-49
orf19.7093	HGT13	3,53	5,04	1,24E-22	5,58E-21
orf19.5753	HGT10	2,32	4,64	1,01E-11	1,15E-10
orf19.7279.1		2,86	4,57	5,36E-15	9,36E-14
orf19.2060	SOD5	2,43	4,45	1,08E-25	6,13E-24
orf19.5565		2,46	4,41	5,43E-44	9,79E-42
orf19.4673	BMT9	2,18	4,40	1,63E-16	3,36E-15
orf19.3232		3,34	4,39	4,90E-18	1,25E-16
orf19.5307	JEN2	4,71	4,31	3,25E-48	7,23E-46
orf19.3981	MAL31	2,60	4,30	1,45E-21	5,70E-20
orf19.6084		4,12	4,09	2,04E-94	2,72E-91
orf19.3923	PGA37	2,58	3,20	9,49E-23	4,31E-21
orf19.5975	TRY4	3,75	2,80	8,70E-61	4,83E-58
orf19.6993	GAP2	2,73	2,51	7,98E-16	1,56E-14
orf19.265		2,13	2,20	1,38E-23	6,56E-22
orf19.2220		2,77	1,51	5,95E-24	3,01E-22
orf19.5437	RHR2	-2,86	8,60	2,92E-69	2,17E-66
orf19.1415	FRE10	-2,22	7,74	5,86E-30	4,60E-28
orf19.508	QDR1	-2,71	6,85	2,38E-36	2,94E-34
orf19.2119	NDT80	-2,24	5,57	5,01E-27	3,24E-25
orf19.54	RHD1	-2,36	5,30	2,21E-64	1,48E-61
orf19.5517		-2,47	5,27	1,10E-35	1,31E-33
orf19.5628		-2,19	4,92	1,01E-33	1,12E-31
orf19.1756	GPD1	-2,93	4,86	8,34E-26	4,79E-24

orf19.7218	RBE1	-12,17	4,74	5,69E-177	3,79E-173
orf19.4690		-2,78	4,69	1,12E-13	1,64E-12
orf19.4933	FAD3	-2,14	4,36	5,03E-13	6,72E-12
orf19.6202	RBT4	-2,70	4,28	9,79E-52	2,72E-49
orf19.4377	KRE1	-2,04	4,01	3,30E-14	5,15E-13
orf19.1614	MEP1	-2,21	3,59	2,38E-24	1,26E-22
orf19.2287	RPA12	-2,25	3,46	4,59E-17	1,04E-15
orf19.95		-2,12	3,23	1,27E-15	2,43E-14
orf19.6662		-2,21	2,88	6,67E-21	2,38E-19
orf19.6222.1		-2,09	2,87	1,49E-17	3,58E-16
orf19.3626		-2,05	2,81	2,65E-12	3,23E-11
orf19.2649	PCL1	-2,67	2,79	6,21E-11	6,40E-10
orf19.1362	SMM1	-2,99	2,44	4,44E-16	8,89E-15
orf19.3088		-2,13	1,99	1,75E-09	1,48E-08
orf19.6873.1	KTI11	-2,06	1,45	1,30E-07	7,95E-07
orf19.2251	AAH1	-3,73	1,23	2,90E-08	1,99E-07

Tabelle A7: Differenziell exprimierte Gene zwischen dem *C. albicans* Wildtyp und der Revertante unter Hyphenwachstumsbedingungen (YPS, 37°C) in Experiment 3. FC = fold change, CPM = counts per million mapped reads, PValue = p-Wert, FDR = false discovery rate.

Gene ID	Gene Name	logFC	logCPM	PValue	FDR
orf19.3668	HGT2	3,37	8,68	2,44E-21	7,21E-19
orf19.5069		2,27	7,27	9,04E-17	1,18E-14
orf19.7296		2,01	6,89	4,58E-14	3,47E-12
orf19.4682	HGT17	4,57	6,72	1,31E-15	1,41E-13
orf19.1655	PXP2	2,70	5,69	1,61E-26	9,77E-24
orf19.5753	HGT10	2,43	4,93	4,04E-20	8,70E-18
orf19.7093	HGT13	2,88	4,72	3,98E-19	7,39E-17
orf19.3499		2,18	4,31	1,49E-18	2,42E-16
orf19.5307	JEN2	4,20	4,13	2,73E-40	6,06E-37
orf19.3981	MAL31	2,07	4,10	1,98E-14	1,61E-12
orf19.3232		2,46	3,88	1,10E-11	4,22E-10
orf19.3923	PGA37	2,38	3,26	1,52E-21	4,82E-19
orf19.7094	HGT12	3,73	3,15	7,02E-11	2,03E-09
orf19.6993	GAP2	3,01	3,00	5,22E-28	3,48E-25
orf19.6084		2,46	2,92	1,98E-13	1,22E-11
orf19.6169	ATO1	2,65	2,66	5,89E-23	2,31E-20
orf19.5975	TRY4	2,15	1,72	7,13E-17	9,51E-15
orf19.2220		2,20	1,30	2,88E-12	1,29E-10
orf19.7218	RBE1	-2,44	4,72	1,12E-82	7,49E-79
SC5314.nTAR2.203		-2,20	1,85	1,78E-16	2,20E-14

Tabelle A8: Differenziell exprimierte Gene in polymorphonukleären Granulozyten (PMNs) nach Exposition mit dem *C. albicans* Wildtyp. FC = fold change, CPM = counts per million mapped reads, PValue = p-Wert, FDR = false discovery rate.

Gene Name	Ensembl ID	logFC	logCPM	PValue	FDR
FTCD	ENSG00000160282	7,12	1,60	3,81E-61	4,433E-59
HCAR1	ENSG00000196917	5,77	3,68	1,21E-204	8,07E-202
CCL3L3	ENSG00000276085	5,14	6,92	0,00E+00	0,00E+00
WFDC1	ENSG00000103175	4,61	4,85	7,86E-269	6,92E-266
LIF	ENSG00000128342	4,33	9,44	0,00E+00	0,00E+00
CCL3	ENSG00000277632	4,04	6,50	0,00E+00	0,00E+00
INHBA	ENSG00000122641	3,97	6,18	0,00E+00	0,00E+00
HSPA1B	ENSG00000204388	3,95	4,29	1,95E-107	4,979E-105
RPL36A	ENSG00000241343	3,70	4,95	3,92E-182	2,21E-179
CCL2	ENSG00000108691	3,67	5,96	0,00E+00	0,00E+00
SERPINB2	ENSG00000197632	3,62	6,67	0,00E+00	0,00E+00
HCAR3	ENSG00000255398	3,50	7,94	0,00E+00	0,00E+00
HCAR2	ENSG00000182782	3,48	10,53	0,00E+00	0,00E+00
CXCL2	ENSG00000081041	3,46	8,71	0,00E+00	0,00E+00
NR4A2	ENSG00000153234	3,43	10,14	0,00E+00	0,00E+00
ATF3	ENSG00000162772	3,41	7,38	0,00E+00	0,00E+00
CXCL3	ENSG00000163734	3,28	6,79	0,00E+00	0,00E+00
EGR2	ENSG00000122877	3,22	7,94	0,00E+00	0,00E+00
HBEGF	ENSG00000113070	3,17	7,13	0,00E+00	0,00E+00
NR4A1	ENSG00000123358	3,17	7,82	0,00E+00	0,00E+00
VGf	ENSG00000128564	3,11	0,31	3,9971E-13	8,9373E-12
HSD11B2	ENSG00000176387	2,95	0,27	1,3009E-11	2,602E-10
ADRA2B	ENSG00000274286	2,86	2,28	3,7062E-32	2,0697E-30
DPH1	ENSG00000108963	2,81	7,15	1,24E-306	1,24E-303
PTGS2	ENSG00000073756	2,67	11,15	0,00E+00	0,00E+00
EDN1	ENSG00000078401	2,63	8,20	0,00E+00	0,00E+00
SPRY2	ENSG00000136158	2,59	4,10	2,72E-78	4,746E-76
FOS	ENSG00000170345	2,55	10,70	0,00E+00	0,00E+00
EGR1	ENSG00000120738	2,52	8,94	1,65E-255	1,40E-252
SPP1	ENSG00000118785	2,52	5,50	3,74E-116	1,028E-113
EGR3	ENSG00000179388	2,51	9,33	2,43E-282	2,23E-279
CCL4L2	ENSG00000276070	2,44	5,48	2,81E-115	7,487E-113
MMP19	ENSG00000123342	2,43	6,03	3,35E-191	2,05E-188
FOSB	ENSG00000125740	2,41	11,00	0,00E+00	0,00E+00
CCL7	ENSG00000108688	2,39	3,22	3,02E-55	3,0726E-53
HSPA1A	ENSG00000204389	2,38	5,83	3,20E-151	1,44E-148
NR4A3	ENSG00000119508	2,36	10,14	0,00E+00	0,00E+00
RBKS	ENSG00000171174	2,36	7,89	1,15E-185	6,86E-183
GPR4	ENSG00000177464	2,34	4,96	5,64E-149	2,38E-146
LEKR1	ENSG00000197980	2,30	0,39	8,0326E-12	1,6274E-10
SPINK1	ENSG00000164266	2,30	1,78	6,5111E-21	2,2074E-19
GEM	ENSG00000164949	2,29	4,02	2,47E-77	4,1536E-75

IL13	ENSG00000169194	2,27	1,84	4,4402E-21	1,5313E-19
CCL20	ENSG00000115009	2,23	4,57	1,96E-89	4,1795E-87
CSF1	ENSG00000184371	2,22	5,18	2,82E-115	7,487E-113
KRT17	ENSG00000128422	2,21	2,71	8,4795E-33	4,8333E-31
OSM	ENSG00000099985	2,21	11,60	7,66E-295	7,33E-292
BRE	ENSG00000158019	2,19	7,33	4,67E-240	3,67E-237
GPRC5A	ENSG00000013588	2,15	1,80	7,2596E-22	2,6014E-20
CCL4	ENSG00000275302	2,15	7,04	2,56E-125	8,053E-123
CKS2	ENSG00000123975	2,13	3,90	1,50E-50	1,3921E-48
AREG	ENSG00000109321	2,13	6,47	2,41E-196	1,52E-193
APOBEC3B	ENSG00000179750	2,10	0,35	7,7794E-10	1,3467E-08
PPP1R27	ENSG00000182676	2,08	0,37	2,0995E-10	3,8302E-09
SIK1	ENSG00000142178	2,04	3,80	9,8502E-43	7,3967E-41
ZNF331	ENSG00000130844	2,03	7,90	3,22E-226	2,36E-223
ZNF165	ENSG00000197279	2,03	6,15	4,02E-129	1,342E-126
TNF	ENSG00000232810	2,00	7,05	4,42E-129	1,452E-126
SNX33	ENSG00000173548	1,99	4,16	5,04E-76	8,3296E-74
TRMT5	ENSG00000126814	1,96	2,75	1,3339E-29	6,5953E-28
ACP6	ENSG00000162836	1,96	6,46	5,92E-174	3,18E-171
GADD45B	ENSG00000099860	1,95	9,17	6,74E-249	5,49E-246
CD83	ENSG00000112149	1,95	8,38	9,00E-214	6,39E-211
PLEKHG6	ENSG00000008323	1,93	2,58	4,5416E-16	1,2171E-14
MAFA	ENSG00000182759	1,92	1,64	1,1968E-17	3,4694E-16
HIST2H2BF	ENSG00000203814	1,92	2,44	5,4192E-28	2,4892E-26
NFIL3	ENSG00000165030	1,91	7,79	1,88E-182	1,09E-179
ZNF556	ENSG00000172000	1,91	0,77	1,2178E-08	1,8989E-07
TIPARP	ENSG00000163659	1,91	7,36	1,05E-172	5,51E-170
BAIAP2L1	ENSG00000006453	1,84	2,11	7,1912E-15	1,7939E-13
LRRK1	ENSG00000154237	1,83	6,28	5,79E-99	1,3839E-96
SOCS3	ENSG00000184557	1,83	8,77	2,75E-198	1,78E-195
CYP1B1	ENSG00000138061	1,81	6,50	1,50E-149	6,46E-147
HAS1	ENSG00000105509	1,80	5,46	2,36E-94	5,4742E-92
KIAA1257	ENSG00000114656	1,80	3,40	2,6499E-34	1,6061E-32
RRAD	ENSG00000166592	1,79	3,83	3,02E-46	2,4481E-44
ANKRD37	ENSG00000186352	1,78	2,18	3,93E-16	1,0558E-14
TNFSF15	ENSG00000181634	1,78	6,15	6,71E-78	1,1526E-75
DUSP1	ENSG00000120129	1,77	12,05	1,13E-212	7,77E-210
0	ENSG00000275993	1,76	3,64	1,67E-45	1,3131E-43
EREG	ENSG00000124882	1,75	5,40	2,54E-115	6,888E-113
THAP2	ENSG00000173451	1,72	3,85	1,06E-49	9,4537E-48
GJC2	ENSG00000198835	1,72	1,02	1,943E-09	3,2436E-08
PRMT9	ENSG00000164169	1,71	5,38	4,26E-54	4,3033E-52
STX1B	ENSG00000099365	1,70	2,11	7,9092E-13	1,7264E-11
GPR3	ENSG00000181773	1,67	1,41	4,1025E-09	6,6565E-08
RGS1	ENSG00000090104	1,67	7,73	4,58E-118	1,291E-115

MFI2	ENSG00000163975	1,67	7,26	2,89E-110	7,468E-108
ZFP36	ENSG00000128016	1,66	11,03	7,98E-143	3,194E-140
CXCL5	ENSG00000163735	1,65	0,43	7,1429E-07	9,0948E-06
RRM2	ENSG00000171848	1,63	3,12	2,6026E-30	1,3411E-28
HES1	ENSG00000114315	1,60	4,35	8,87E-54	8,7908E-52
C10orf55	ENSG00000222047	1,60	5,45	1,32E-45	1,0475E-43
NPIP4	ENSG00000185864	1,59	1,56	2,4996E-13	5,6522E-12
TMEM217	ENSG00000172738	1,58	2,15	3,3299E-16	9,0006E-15
TMEM255B	ENSG00000184497	1,57	2,14	2,5018E-18	7,4788E-17
BAMBI	ENSG00000095739	1,55	0,70	3,5819E-06	4,1697E-05
APLP1	ENSG00000105290	1,54	0,25	0,00014865	0,00133382
IL1RN	ENSG00000136689	1,54	9,41	1,03E-86	2,1249E-84
TAS2R38	ENSG00000257138	1,52	0,80	3,6162E-06	4,2075E-05
ARL5B	ENSG00000165997	1,52	6,62	4,13E-82	7,7668E-80
TMEM55B	ENSG00000165782	1,51	7,85	1,08E-134	3,959E-132
USP36	ENSG00000055483	1,48	9,45	3,13E-143	1,276E-140
NIPAL4	ENSG00000172548	1,47	2,28	8,5359E-13	1,8613E-11
IL1B	ENSG00000125538	1,47	11,85	9,64E-154	4,51E-151
BCAS2	ENSG00000116752	1,46	6,23	6,52E-85	1,2704E-82
RHOB	ENSG00000143878	1,45	5,26	4,45E-68	6,0108E-66
GLA	ENSG00000102393	1,44	8,34	1,02E-160	4,98E-158
EIF4A3	ENSG00000141543	1,44	7,62	7,86E-91	1,7126E-88
CXCL8	ENSG00000169429	1,43	14,60	2,08E-141	8,042E-139
RGS2	ENSG00000116741	1,43	10,76	2,11E-151	9,67E-149
ZNF366	ENSG00000178175	1,42	0,69	1,7547E-06	2,1354E-05
CHAC1	ENSG00000128965	1,40	3,35	9,9652E-21	3,3577E-19
FAM196A	ENSG00000188916	1,40	0,64	1,0223E-06	1,2816E-05
ADORA2A	ENSG00000128271	1,40	0,98	2,3172E-07	3,1317E-06
RASD2	ENSG00000100302	1,39	0,76	1,7066E-06	2,0814E-05
CATIP	ENSG00000158428	1,38	2,36	1,2658E-16	3,5121E-15
TM4SF19	ENSG00000145107	1,37	1,21	1,0439E-08	1,637E-07
MYH10	ENSG00000133026	1,37	3,74	2,1855E-28	1,0209E-26
RCAN1	ENSG00000159200	1,37	2,72	9,2091E-17	2,568E-15
HLX	ENSG00000136630	1,36	4,48	1,67E-48	1,4502E-46
PLAUR	ENSG00000011422	1,36	12,68	5,77E-91	1,2687E-88
SGK1	ENSG00000118515	1,36	8,35	2,97E-67	3,8707E-65
NFKBID	ENSG00000167604	1,36	8,76	9,99E-132	3,544E-129
CYB5D1	ENSG00000182224	1,36	1,64	1,9404E-11	3,8323E-10
VEGFA	ENSG00000112715	1,36	9,88	1,58E-120	4,693E-118
TAGAP	ENSG00000164691	1,36	9,63	2,23E-142	8,758E-140
RASGEF1B	ENSG00000138670	1,36	6,30	5,30E-102	1,281E-99
NTSR1	ENSG00000101188	1,35	1,19	2,1505E-07	2,9207E-06
SPAG5	ENSG00000076382	1,34	4,39	9,7912E-42	7,0632E-40
USP18	ENSG00000184979	1,34	0,33	0,00014179	0,00127807
HES4	ENSG00000188290	1,34	5,48	2,6269E-40	1,8005E-38

SLC38A6	ENSG00000139974	1,34	0,88	6,6048E-07	8,4487E-06
TSC22D2	ENSG00000196428	1,33	7,07	3,09E-81	5,6226E-79
C9orf47	ENSG00000186354	1,33	2,99	2,6186E-17	7,4439E-16
KLF4	ENSG00000136826	1,32	4,96	3,25E-49	2,881E-47
IER3	ENSG00000137331	1,32	10,48	3,86E-69	5,3474E-67
RNF152	ENSG00000176641	1,31	2,49	1,2496E-15	3,2691E-14
SLC26A2	ENSG00000155850	1,31	5,55	7,63E-56	7,999E-54
NRARP	ENSG00000198435	1,30	3,42	4,0052E-25	1,6472E-23
ORC6	ENSG00000091651	1,29	0,70	5,3877E-05	0,00052083
FAM83D	ENSG00000101447	1,28	1,25	7,1191E-07	9,0697E-06
ZNF407	ENSG00000215421	1,28	4,84	2,5467E-42	1,8803E-40
CRABP2	ENSG00000143320	1,28	2,84	3,8707E-16	1,0424E-14
ULBP1	ENSG00000111981	1,27	0,69	0,00024672	0,00212458
NAF1	ENSG00000145414	1,27	4,27	1,0371E-42	7,7613E-41
RASD1	ENSG00000108551	1,27	1,61	2,281E-08	3,4398E-07
LPAR1	ENSG00000198121	1,27	1,88	1,2048E-10	2,2541E-09
ANGPTL4	ENSG00000167772	1,25	1,72	1,746E-06	2,1259E-05
CRLF1	ENSG00000006016	1,25	1,83	7,0916E-07	9,0399E-06
ISG20L2	ENSG00000143319	1,25	7,83	4,13E-56	4,347E-54
PLIN2	ENSG00000147872	1,25	7,81	5,09E-81	9,1756E-79
IL4	ENSG00000113520	1,24	1,54	3,707E-09	6,0327E-08
ZSCAN31	ENSG00000235109	1,23	0,36	0,00024801	0,00213353
SNUPN	ENSG00000169371	1,22	3,15	1,0693E-19	3,4146E-18
GPR183	ENSG00000169508	1,22	7,27	3,71E-47	3,0812E-45
UCN2	ENSG00000145040	1,22	0,50	0,00034585	0,00288785
GRTP1	ENSG00000139835	1,22	1,09	3,8371E-05	0,00038218
CLECL1	ENSG00000184293	1,21	1,18	5,5761E-06	6,3077E-05
KBTBD8	ENSG00000163376	1,20	3,88	2,7954E-30	1,437E-28
RET	ENSG00000165731	1,19	0,68	9,6393E-05	0,00089449
ZNF7	ENSG00000147789	1,19	5,39	6,67E-52	6,3514E-50
SLAMF7	ENSG00000026751	1,19	6,21	1,88E-50	1,7351E-48
GNRH1	ENSG00000147437	1,19	1,01	7,3282E-07	9,3253E-06
TIPIN	ENSG00000075131	1,19	0,22	0,00036996	0,00307467
C17orf107	ENSG00000205710	1,18	8,29	5,89E-80	1,0541E-77
PPP1R15A	ENSG00000087074	1,17	11,09	4,93E-77	8,2188E-75
APBB3	ENSG00000113108	1,17	6,90	1,57E-73	2,4479E-71
SERPIND1	ENSG00000099937	1,17	0,55	3,1714E-05	0,00032022
DNAJB1	ENSG00000132002	1,17	7,81	6,72E-84	1,2751E-81
ABL2	ENSG00000143322	1,17	5,65	6,54E-60	7,4215E-58
RHCG	ENSG00000140519	1,16	0,81	0,00014478	0,0013034
E2F7	ENSG00000165891	1,16	1,27	4,5307E-06	5,1811E-05
CRTAM	ENSG00000109943	1,16	5,30	2,2945E-42	1,6998E-40
THBS1	ENSG00000137801	1,14	7,61	2,67E-74	4,26E-72
DUSP4	ENSG00000120875	1,14	6,40	2,62E-68	3,5588E-66
SLC27A5	ENSG00000083807	1,13	0,38	0,00022888	0,00197951

ITGB3	ENSG00000259207	1,12	0,66	3,1998E-05	0,0003228
HIP1R	ENSG00000130787	1,12	7,09	1,27E-71	1,8689E-69
TFRC	ENSG00000072274	1,11	5,79	2,21E-56	2,3398E-54
PPP1R3E	ENSG00000235194	1,11	4,51	1,338E-27	5,9712E-26
CALCRL	ENSG00000064989	1,11	1,07	2,9454E-05	0,00029878
IL1A	ENSG00000115008	1,11	5,53	4,0263E-33	2,3251E-31
RABGEF1	ENSG00000154710	1,10	2,67	6,0927E-08	8,7615E-07
LGALS9B	ENSG00000170298	1,09	1,09	7,469E-05	0,00070741
PTX3	ENSG00000163661	1,07	4,81	2,1456E-17	6,1388E-16
E2F8	ENSG00000129173	1,07	0,46	0,0027286	0,01812835
IFRD1	ENSG00000006652	1,07	8,31	6,31E-80	1,1201E-77
ULBP2	ENSG00000131015	1,06	1,07	0,00075327	0,00583774
MAT2A	ENSG00000168906	1,06	8,01	5,46E-82	1,0094E-79
DXO	ENSG00000204348	1,06	6,44	8,5711E-32	4,6794E-30
GCNT7	ENSG00000124091	1,05	2,75	1,9793E-07	2,7015E-06
ZNF263	ENSG00000006194	1,05	6,20	2,73E-48	2,3577E-46
DENND4B	ENSG00000198837	1,05	8,08	8,75E-68	1,1741E-65
SRSF3	ENSG00000112081	1,04	8,18	2,40E-51	2,2762E-49
RNF103-CHMP3	ENSG00000249884	1,04	0,68	0,00530705	0,03211927
ZC3H12C	ENSG00000149289	1,04	2,50	4,8246E-09	7,7937E-08
ARSK	ENSG00000164291	1,04	0,63	0,00033846	0,00283145
EGR4	ENSG00000135625	1,04	0,26	0,00153301	0,01092617
DDIT3	ENSG00000175197	1,04	7,90	4,86E-71	6,9937E-69
LRRC32	ENSG00000137507	1,04	0,29	0,00077723	0,0059981
ZFP28	ENSG00000196867	1,03	1,05	0,00130029	0,00947948
HTRA4	ENSG00000169495	1,03	0,23	0,00355443	0,0227935
CXCL1	ENSG00000163739	1,02	8,97	1,13E-71	1,662E-69
CCRL2	ENSG00000121797	1,02	8,65	9,07E-75	1,4667E-72
GLIS3	ENSG00000107249	1,02	2,15	3,7872E-08	5,6036E-07
DRGX	ENSG00000165606	1,02	1,26	0,00029881	0,00252769
ERCC5	ENSG00000134899	1,01	6,05	1,3788E-22	5,09E-21
DUSP8	ENSG00000184545	1,01	4,24	8,9168E-19	2,7362E-17
MESDC1	ENSG00000140406	1,01	6,33	4,3061E-43	3,2446E-41
LEPR	ENSG00000116678	1,01	0,38	0,00417448	0,02611516
PLCXD1	ENSG00000182378	1,00	5,39	6,5962E-41	4,5782E-39
DNAJB4	ENSG00000162616	1,00	3,25	8,0316E-11	1,5168E-09
TRAPPC2B	ENSG00000256060	1,00	2,25	8,2397E-10	1,4241E-08
HIC1	ENSG00000177374	1,00	5,32	8,4894E-28	3,8512E-26
NOG	ENSG00000183691	-1,00	2,46	1,8816E-08	2,871E-07
TNFRSF10B	ENSG00000120889	-1,00	7,58	6,03E-49	5,2831E-47
CASS4	ENSG00000087589	-1,00	7,32	1,32E-58	1,4512E-56
NLRP6	ENSG00000174885	-1,01	3,33	3,4627E-11	6,7066E-10
CYP27A1	ENSG00000135929	-1,01	4,45	1,4329E-30	7,4532E-29
ASB2	ENSG00000100628	-1,01	2,89	1,2637E-11	2,5321E-10
BCL10	ENSG00000142867	-1,01	5,08	1,2578E-30	6,5735E-29

FGL2	ENSG00000127951	-1,01	6,57	2,4103E-26	1,0297E-24
SMAD6	ENSG00000137834	-1,02	1,70	1,4125E-06	1,7381E-05
HIST1H1C	ENSG00000187837	-1,02	4,33	1,8149E-21	6,3788E-20
CLCN4	ENSG00000073464	-1,02	1,09	3,7902E-05	0,00037786
PDLIM7	ENSG00000196923	-1,02	8,79	9,86E-68	1,3143E-65
SLC35E4	ENSG00000100036	-1,03	3,71	9,1641E-14	2,1382E-12
DSC2	ENSG00000134755	-1,03	1,68	9,0371E-08	1,2803E-06
LILRB2	ENSG00000131042	-1,03	6,97	1,33E-64	1,6718E-62
ANKRD22	ENSG00000152766	-1,03	3,01	1,5942E-11	3,1713E-10
RNF19B	ENSG00000116514	-1,03	8,58	3,27E-52	3,1439E-50
FAM110B	ENSG00000169122	-1,04	0,40	0,00069233	0,00539016
PPP1R18	ENSG00000146112	-1,04	9,34	2,55E-85	5,017E-83
SLC15A4	ENSG00000139370	-1,04	6,29	4,22E-48	3,617E-46
CEACAM3	ENSG00000170956	-1,04	6,99	8,54E-69	1,1669E-66
FRMD8	ENSG00000126391	-1,04	6,64	4,83E-62	5,7171E-60
KIAA0513	ENSG00000135709	-1,04	6,87	8,13E-63	9,7711E-61
ELMO3	ENSG00000102890	-1,05	2,60	1,7759E-10	3,2561E-09
STEAP4	ENSG00000127954	-1,05	4,93	4,113E-34	2,4793E-32
TLR8	ENSG00000101916	-1,05	4,28	4,5777E-21	1,5762E-19
SNCA	ENSG00000145335	-1,05	3,16	3,9157E-13	8,7643E-12
MR1	ENSG00000153029	-1,06	6,69	6,60E-65	8,3492E-63
IL10RB	ENSG00000243646	-1,06	5,62	3,80E-52	3,6383E-50
ETV5	ENSG00000244405	-1,07	0,45	0,0005132	0,00412544
EXOSC4	ENSG00000178896	-1,07	4,36	5,2692E-27	2,3094E-25
CD82	ENSG00000085117	-1,08	7,68	7,47E-70	1,047E-67
MKL1	ENSG00000196588	-1,08	7,39	4,55E-58	4,8581E-56
PPAP2B	ENSG00000162407	-1,09	3,96	9,8445E-25	3,9816E-23
FAM214B	ENSG00000005238	-1,09	7,29	3,29E-50	3,0018E-48
LY6G6C	ENSG00000204421	-1,09	1,66	3,7239E-08	5,5248E-07
SEMG1	ENSG00000124233	-1,09	0,41	0,00033438	0,00280272
DDAH2	ENSG00000213722	-1,09	6,42	5,1576E-37	3,3573E-35
APOBR	ENSG00000184730	-1,09	9,61	1,42E-59	1,5985E-57
MEFV	ENSG00000103313	-1,09	7,68	2,18E-67	2,8494E-65
SERPINA1	ENSG00000197249	-1,09	10,66	2,10E-50	1,926E-48
MOSPD1	ENSG00000101928	-1,09	3,03	3,8222E-13	8,5638E-12
SIGLEC5	ENSG00000105501	-1,10	6,34	2,051E-33	1,2002E-31
CA4	ENSG00000167434	-1,10	5,24	1,065E-35	6,6949E-34
LTB4R	ENSG00000213903	-1,10	5,98	3,84E-50	3,4882E-48
ENC1	ENSG00000171617	-1,11	6,60	8,79E-75	1,4327E-72
THEMIS2	ENSG00000130775	-1,11	8,79	2,95E-90	6,372E-88
LRG1	ENSG00000171236	-1,11	7,24	1,80E-81	3,2955E-79
FCGR3B	ENSG00000162747	-1,11	8,75	5,52E-86	1,115E-83
AKTIP	ENSG00000166971	-1,11	3,33	1,5955E-10	2,945E-09
OSCAR	ENSG00000170909	-1,11	6,87	6,28E-73	9,5957E-71
GPX3	ENSG00000211445	-1,12	7,04	4,06E-53	3,9741E-51

PPM1F	ENSG00000100034	-1,12	6,89	2,28E-79	4,0127E-77
CYP4F12	ENSG00000186204	-1,12	1,41	2,0801E-07	2,8286E-06
HPD	ENSG00000158104	-1,13	1,58	7,1741E-06	7,9841E-05
KCTD12	ENSG00000178695	-1,13	5,70	2,29E-59	2,5553E-57
ALAS2	ENSG00000158578	-1,13	3,90	8,371E-19	2,5795E-17
PTGDR2	ENSG00000183134	-1,14	1,25	0,00025754	0,00220998
DHRS7	ENSG00000100612	-1,14	6,77	2,5248E-37	1,6582E-35
PTPRN2	ENSG00000155093	-1,14	4,56	1,8431E-34	1,1233E-32
LILRA2	ENSG00000239998	-1,14	7,09	4,32E-73	6,6514E-71
GHRL	ENSG00000157017	-1,14	1,73	8,9518E-05	0,00083456
HBB	ENSG00000244734	-1,14	11,56	6,9966E-42	5,0973E-40
ERI1	ENSG00000104626	-1,14	4,54	8,5334E-41	5,9041E-39
MILR1	ENSG00000271605	-1,15	2,39	3,4534E-12	7,2089E-11
TOR1B	ENSG00000136816	-1,15	6,39	6,25E-70	8,8147E-68
ASPRV1	ENSG00000244617	-1,15	4,11	2,2038E-20	7,2696E-19
ARAP3	ENSG00000120318	-1,15	7,13	1,23E-74	1,9694E-72
TOR1A	ENSG00000136827	-1,16	6,28	8,70E-72	1,2927E-69
NFKBIE	ENSG00000146232	-1,16	6,78	7,11E-66	9,0371E-64
RNF144B	ENSG00000137393	-1,17	4,27	4,6309E-32	2,5665E-30
CXCR2	ENSG00000180871	-1,17	7,46	6,55E-92	1,4857E-89
DNASE1L1	ENSG0000013563	-1,17	5,47	8,2235E-35	5,0967E-33
NMI	ENSG00000123609	-1,17	5,26	6,35E-47	5,215E-45
PNPLA1	ENSG00000180316	-1,17	5,35	1,4479E-34	8,8734E-33
KCNJ15	ENSG00000157551	-1,17	8,77	2,80E-73	4,3373E-71
MBOAT7	ENSG00000125505	-1,18	8,61	1,30E-87	2,6971E-85
ANXA9	ENSG00000143412	-1,18	1,04	0,00033669	0,00281883
LTBR	ENSG00000111321	-1,19	6,11	6,09E-67	7,7948E-65
PTGES	ENSG00000148344	-1,19	3,41	2,3343E-19	7,3058E-18
HBA2	ENSG00000188536	-1,19	9,48	5,3757E-32	2,9569E-30
CLDN9	ENSG00000213937	-1,20	2,23	3,6725E-13	8,2368E-12
LSM10	ENSG00000181817	-1,20	5,69	9,47E-48	7,9555E-46
SLC16A6	ENSG00000108932	-1,20	5,49	1,0569E-36	6,8192E-35
IFIT1	ENSG00000185745	-1,20	2,89	3,1273E-15	8,0381E-14
LRR4	ENSG00000128594	-1,21	4,48	7,9847E-34	4,761E-32
TOR4A	ENSG00000198113	-1,21	6,22	2,90E-71	4,2313E-69
IFIT3	ENSG00000119917	-1,21	4,60	7,6079E-23	2,8371E-21
FPR2	ENSG00000171049	-1,21	8,16	3,68E-64	4,4991E-62
HBA1	ENSG00000206172	-1,21	9,18	9,25E-45	7,1411E-43
ARHGAP22	ENSG00000128805	-1,21	0,90	0,00535605	0,03235688
KRT23	ENSG00000108244	-1,22	5,60	7,56E-59	8,405E-57
OAZ2	ENSG00000180304	-1,22	6,44	5,61E-74	8,8793E-72
CD177	ENSG00000204936	-1,22	4,02	6,0766E-20	1,9661E-18
LAT2	ENSG00000086730	-1,22	7,70	3,04E-67	3,9317E-65
SELENBP1	ENSG00000143416	-1,23	2,41	1,7815E-12	3,7981E-11
CA1	ENSG00000133742	-1,23	1,21	6,5881E-07	8,4324E-06

TLR4	ENSG00000136869	-1,23	8,96	1,81E-48	1,5641E-46
F11R	ENSG00000158769	-1,24	6,04	5,59E-51	5,2308E-49
DGAT2	ENSG00000062282	-1,24	8,23	1,62E-91	3,6444E-89
SOWAHD	ENSG00000187808	-1,24	0,28	0,00015942	0,00142418
RAB11FIP4	ENSG00000131242	-1,25	6,81	5,35E-97	1,2521E-94
UBTD1	ENSG00000165886	-1,25	3,24	6,6729E-15	1,6665E-13
NDST1	ENSG00000070614	-1,26	7,48	5,46E-106	1,351E-103
TP53I11	ENSG00000175274	-1,26	7,24	3,79E-71	5,481E-69
OTX1	ENSG00000115507	-1,27	1,42	4,4944E-08	6,61E-07
UBXN2B	ENSG00000215114	-1,27	6,74	4,79E-86	9,7618E-84
LETM2	ENSG00000165046	-1,27	3,21	2,0964E-22	7,7002E-21
KIAA1614	ENSG00000135835	-1,28	3,07	7,468E-13	1,6333E-11
SIGLEC14	ENSG00000254415	-1,29	7,41	1,68E-50	1,5573E-48
TMEM127	ENSG00000135956	-1,29	8,99	6,65E-119	1,9E-116
KIAA1755	ENSG00000149633	-1,29	0,28	0,00034257	0,00286366
SLC4A1	ENSG00000004939	-1,30	3,60	1,285E-20	4,31E-19
ARRDC3	ENSG00000113369	-1,30	7,48	1,95E-106	4,92E-104
LILRA6	ENSG00000244482	-1,30	5,21	3,44E-49	3,0378E-47
ACVR1B	ENSG00000135503	-1,30	6,24	2,85E-72	4,2908E-70
TNFAIP8L2	ENSG00000163154	-1,31	3,51	2,871E-23	1,0929E-21
IGSF6	ENSG00000140749	-1,32	7,48	3,38E-72	5,0594E-70
WRAP53	ENSG00000141499	-1,32	4,84	2,0074E-41	1,4111E-39
EXTL3	ENSG00000012232	-1,33	6,40	2,44E-88	5,1704E-86
TNFRSF10A	ENSG00000104689	-1,33	4,75	4,66E-50	4,215E-48
ZMAT5	ENSG00000100319	-1,33	2,34	2,0166E-16	5,5324E-15
C9orf89	ENSG00000165233	-1,33	6,94	4,60E-70	6,5351E-68
MANSC1	ENSG00000111261	-1,33	5,12	3,32E-51	3,1382E-49
APOL2	ENSG00000128335	-1,34	6,15	5,30E-91	1,1775E-88
TRIM21	ENSG00000132109	-1,35	5,95	2,64E-61	3,0917E-59
CMTM2	ENSG00000140932	-1,35	4,64	1,9484E-40	1,3397E-38
TFEB	ENSG00000112561	-1,35	5,86	7,57E-85	1,4619E-82
MARCKS	ENSG00000277443	-1,36	8,81	1,12E-138	4,168E-136
TXNIP	ENSG00000265972	-1,37	9,67	1,23E-154	5,88E-152
PHC2	ENSG00000134686	-1,37	7,56	9,02E-78	1,5379E-75
KIF3C	ENSG00000084731	-1,37	3,19	2,8288E-23	1,0787E-21
P2RY2	ENSG00000175591	-1,39	5,19	1,96E-45	1,5323E-43
HCG27	ENSG00000206344	-1,39	3,56	4,4288E-16	1,1883E-14
MSRB1	ENSG00000198736	-1,41	5,87	1,56E-85	3,0872E-83
IFNGR2	ENSG00000159128	-1,41	7,72	1,58E-128	5,042E-126
PRSS36	ENSG00000178226	-1,42	0,21	1,3375E-05	0,00014271
TMCC3	ENSG00000057704	-1,42	8,66	1,72E-117	4,776E-115
SYP	ENSG00000102003	-1,43	3,24	2,5103E-23	9,589E-22
KCNJ2	ENSG00000123700	-1,43	2,90	4,0384E-23	1,5215E-21
ST20	ENSG00000180953	-1,43	3,86	1,2756E-31	6,913E-30
TGM3	ENSG00000125780	-1,43	6,15	1,26E-54	1,2751E-52

MOB3A	ENSG00000172081	-1,44	8,95	2,11E-147	8,74E-145
PLEKHO2	ENSG00000241839	-1,45	8,65	2,83E-84	5,4211E-82
B3GALNT1	ENSG00000169255	-1,46	1,49	1,3598E-08	2,1099E-07
MARCKSL1	ENSG00000175130	-1,46	9,59	4,07E-103	9,961E-101
RNASEL	ENSG00000135828	-1,47	5,00	5,14E-54	5,1625E-52
CD1D	ENSG00000158473	-1,47	1,51	6,1223E-07	7,8728E-06
RGS19	ENSG00000171700	-1,47	7,07	1,06E-87	2,2186E-85
SIRPB2	ENSG00000196209	-1,48	5,43	3,05E-58	3,2746E-56
ETV7	ENSG0000010030	-1,48	2,43	7,1536E-18	2,093E-16
MOB3C	ENSG00000142961	-1,49	6,66	1,17E-67	1,5445E-65
PHOSPHO1	ENSG00000173868	-1,50	6,95	4,33E-82	8,0708E-80
CARD8	ENSG00000105483	-1,50	7,83	2,03E-122	6,302E-120
NECAB2	ENSG00000103154	-1,52	4,14	4,9074E-22	1,77E-20
FHOD1	ENSG00000135723	-1,52	7,07	4,83E-130	1,686E-127
TIAM2	ENSG00000146426	-1,53	5,57	1,26E-77	2,1249E-75
FADD	ENSG00000168040	-1,55	3,16	9,0689E-28	4,0972E-26
C5AR2	ENSG00000134830	-1,55	7,34	1,81E-119	5,321E-117
P2RY13	ENSG00000181631	-1,55	5,71	8,68E-98	2,0529E-95
TREML2	ENSG00000112195	-1,56	7,77	2,73E-106	6,822E-104
PPP1R26	ENSG00000196422	-1,57	0,98	3,9466E-05	0,00039238
DUSP13	ENSG00000079393	-1,57	1,86	1,6461E-15	4,2809E-14
FHL3	ENSG00000183386	-1,57	6,35	2,13E-58	2,3309E-56
CXCR1	ENSG00000163464	-1,58	7,42	1,27E-120	3,82E-118
HRH1	ENSG00000196639	-1,58	4,03	1,9621E-33	1,1512E-31
TNFRSF10D	ENSG00000173530	-1,58	4,97	1,28E-48	1,1135E-46
GAPT	ENSG00000175857	-1,58	5,10	6,90E-69	9,491E-67
SNN	ENSG00000184602	-1,59	7,89	6,63E-141	2,515E-138
TLR6	ENSG00000174130	-1,63	5,30	1,40E-85	2,808E-83
PDK4	ENSG00000004799	-1,64	2,10	1,1099E-09	1,8895E-08
NLRP12	ENSG00000142405	-1,64	6,79	6,90E-114	1,809E-111
SLC31A2	ENSG00000136867	-1,66	0,49	6,0054E-08	8,6416E-07
STX6	ENSG00000135823	-1,66	6,60	3,12E-70	4,4593E-68
EPB42	ENSG00000166947	-1,67	1,10	3,186E-10	5,6898E-09
TMIGD3	ENSG00000121933	-1,68	0,31	8,6357E-06	9,5287E-05
PELO	ENSG00000152684	-1,68	5,72	8,18E-130	2,811E-127
PTRF	ENSG00000177469	-1,71	3,06	5,3484E-27	2,3395E-25
KLHDC8B	ENSG00000185909	-1,71	4,27	1,38E-69	1,9213E-67
TNFRSF10C	ENSG00000173535	-1,73	6,44	4,96E-119	1,437E-116
CDC42EP2	ENSG00000149798	-1,76	6,94	9,28E-130	3,142E-127
TACSTD2	ENSG00000184292	-1,77	4,28	6,94E-48	5,8487E-46
RTN2	ENSG00000125744	-1,78	3,60	2,8816E-37	1,8813E-35
TNFRSF12A	ENSG00000006327	-1,81	6,46	6,04E-129	1,956E-126
ARL11	ENSG00000152213	-1,81	5,68	3,30E-122	1,009E-119
PPP1R3B	ENSG00000173281	-1,82	7,13	1,53E-169	7,66E-167
MRVI1	ENSG00000072952	-1,86	3,18	1,5631E-41	1,1094E-39

XKR8	ENSG00000158156	-1,91	5,51	1,31E-149	5,77E-147
CMTM1	ENSG00000089505	-1,98	2,84	4,3739E-22	1,5828E-20
TMEM45B	ENSG00000151715	-2,00	4,19	2,07E-72	3,1388E-70
RAB3D	ENSG00000105514	-2,02	5,95	5,80E-171	2,97E-168
CCR2	ENSG00000121807	-2,08	3,74	6,01E-46	4,8076E-44
PHF24	ENSG00000122733	-2,14	1,61	1,4721E-20	4,9224E-19
NLRC4	ENSG00000091106	-2,15	4,21	1,11E-92	2,5488E-90
SIGLEC12	ENSG00000254521	-2,15	1,33	3,515E-15	8,9822E-14
C19orf35	ENSG00000188305	-2,17	3,12	2,031E-43	1,5409E-41
KCNE3	ENSG00000175538	-2,26	6,06	1,24E-133	4,488E-131
KRT15	ENSG00000171346	-2,32	0,27	1,737E-10	3,1874E-09
TLR1	ENSG00000174125	-2,37	5,91	1,66E-234	1,26E-231
LRRC25	ENSG00000175489	-2,55	6,20	7,98E-181	4,39E-178
C1orf106	ENSG00000163362	-2,61	1,65	3,4811E-26	1,4758E-24
PTAFR	ENSG00000169403	-2,65	8,56	0,00E+00	0,00E+00

Table A9: Differenziell exprimierte Gene in polymorphonukleären Granulozyten (PMNs) nach Exposition mit dem *C. albicans* Wildtyp bzw. der $\Delta rbe1/\Delta rbt4$ -Mutante. FC = fold change, CPM = counts per million mapped reads, PValue = p-Wert, FDR = false discovery rate.

Gene Name	Ensembl ID	logFC	logCPM	PValue	FDR
MREG	ENSG00000118242	1,29	0,34	5,02E-05	4,60E-03
ATP6V1G2	ENSG00000213760	1,12	0,38	2,07E-04	1,28E-02
DEFA3	ENSG00000239839	-1,58	3,32	8,61E-07	2,41E-04

Table A10: Differenziell exprimierte Gene in polymorphonukleären Granulozyten (PMNs) nach Exposition mit dem *C. albicans* Wildtyp bzw. der Revertante. FC = fold change, CPM = counts per million mapped reads, PValue = p-Wert, FDR = false discovery rate.

Gene Name	Ensembl ID	logFC	logCPM	PValue	FDR
CDC26	ENSG00000176386	1,39	0,24	2,09E-05	1,36E-03
MREG	ENSG00000118242	1,29	0,31	4,13E-04	1,28E-02
FOXQ1	ENSG00000164379	1,14	1,35	4,95E-07	7,17E-05
SUCNR1	ENSG00000198829	1,06	0,89	2,89E-05	1,78E-03
SAC3D1	ENSG00000168061	1,01	0,46	5,44E-04	1,56E-02
SNRPF	ENSG00000139343	-1,06	1,35	4,95E-05	2,69E-03
CIT	ENSG00000122966	-1,08	0,72	5,93E-05	3,12E-03
MYLPF	ENSG00000180209	-1,13	0,31	1,10E-03	2,65E-02
ZFHX2	ENSG00000136367	-1,14	0,66	9,29E-04	2,31E-02
DEFA3	ENSG00000239839	-1,68	3,28	3,33E-07	5,23E-05